[illegible]

296164

SECRET

Ed Maynard

Mr. Eugene Theios, Specialist
Illinois EPA
Division of Land Pollution Control
2200 Churchill Road
Springfield, IL 62706

Attached are background area samples and composited cell samples after completion of waste removal.

Again, I apologize for the lateness in transmittal of this information.

Best regards,

S. L. Morgan by Ruth Hill

S. L. Morgan
Safety Director

SLM/rh

Attachments

BIRMINGHAM BOLT:

Soil Samples
from Cells
after Clean
Closure

Lab No: 7-069

ID:

CELL D - 6-29-85, BBC-K3

HISTORY:

Date Sample was picked up Received by Federal Express By: - - -
Date Received in Lab 7-05-85 By: V.G.
Date Sample Leached 7-05-85 By: A.M./P.A.
Date Sample Analyzed 7-09-85 By: A.M.
Date Sample Reported 7-09-85 By: L.S.

RESULTS:

<u>Parameter</u>	<u>EPA Hazardous Waste Number</u>	<u>Maximum Allowable Concentration (mg/l)</u>	<u>Analysis (mg/l)</u>
Cadmium	D006	0.1	<u>*0.1</u>
Chromium	D007	0.5	<u>*0.1</u>
Lead	D008	0.5	<u>*0.1</u>

*Denotes "LESS THAN" (Below detectable limit of procedure used).

Respectfully submitted,

SCIENTIFIC CONTROL LABORATORIES, INC.

By

Frank Altmayer

FA:lls
2c

CERTIFICATION

The above statements and report were subscribed and sworn to before me this NINTH day of JULY, 1985.

Laura Schultz
Notary Public

BIRMINGHAM BOLT:

Soil Samples
from
cells
after Clean
closure

Lab No: 7-069

ID:

CELL C - 6-29-85, BBC-K3

HISTORY:

Date Sample was picked up Received by Federal Express By: - - -
Date Received in Lab 7-05-85 By: V.G.
Date Sample Leached 7-05-85 By: A.M./P.A.
Date Sample Analyzed 7-09-85 By: A.M.
Date Sample Reported 7-09-85 By: L.S.

RESULTS:

<u>Parameter</u>	<u>EPA Hazardous Waste Number</u>	<u>Maximum Allowable Concentration (mg/l)</u>	<u>Analysis (mg/l)</u>
Cadmium	D006	0.1	<u>*0.1</u>
Chromium	D007	0.5	<u>*0.1</u>
Lead	D008	0.5	<u>*0.1</u>

*Denotes "LESS THAN" (Below detectable limit of procedure used).

Respectfully submitted,

SCIENTIFIC CONTROL LABORATORIES, INC.

By

Frank Altmayer

FA:lls
2c

CERTIFICATION

The above statements and report were subscribed and sworn to before me this NINTH day of JULY, 1985.

Laura Schultz
Notary Public

BIRMINGHAM BOLT:

Soil Samples
From Cells
after Clean
Closure

Lab No: 7-069

ID:

CELL B - 6-29-85, BBC-K3

HISTORY:

Date Sample was picked up	<u>Received by Federal Express</u>	By: <u>- - -</u>
Date Received in Lab	<u>7-05-85</u>	By: <u>V.G.</u>
Date Sample Leached	<u>7-05-85</u>	By: <u>A.M./P.A.</u>
Date Sample Analyzed	<u>7-09-85</u>	By: <u>A.M.</u>
Date Sample Reported	<u>7-09-85</u>	By: <u>L.S.</u>

RESULTS:

<u>Parameter</u>	<u>EPA Hazardous Waste Number</u>	<u>Maximum Allowable Concentration (mg/l)</u>	<u>Analysis (mg/l)</u>
Cadmium	D006	0.1	<u>*0.1</u>
Chromium	D007	0.5	<u>*0.1</u>
Lead	D008	0.5	<u>*0.1</u>

*Denotes "LESS THAN" (Below detectable limit of procedure used).

Respectfully submitted,

SCIENTIFIC CONTROL LABORATORIES, INC.

FA:lls
2c

By

Frank Altmayer

CERTIFICATION

The above statements and report were subscribed and sworn to before me this NINTH day of JULY, 1985.

Laura Schultz
Notary Public

BIRMINGHAM BOLT:

Soil Samples
from Cells
after Clean
Closure

Lab No: 7-069

ID:

CELL A - 6-29-85, BBC-K3

HISTORY:

Date Sample was picked up Received by Federal Express By: - - -
Date Received in Lab 7-05-85 By: V.G.
Date Sample Leached 7-05-85 By: A.M./P.A.
Date Sample Analyzed 7-09-85 By: A.M.
Date Sample Reported 7-09-85 By: L.S.

RESULTS:

<u>Parameter</u>	<u>EPA Hazardous Waste Number</u>	<u>Maximum Allowable Concentration (mg/l)</u>	<u>Analysis (mg/l)</u>
Cadmium	D006	0.1	<u>*0.1</u>
Chromium	D007	0.5	<u>*0.1</u>
Lead	D008	0.5	<u>*0.1</u>

*Denotes "LESS THAN" (Below detectable limit of procedure used).

Respectfully submitted,

SCIENTIFIC CONTROL LABORATORIES, INC.

FA:lls
2c

By Frank Altmayer
Frank Altmayer

CERTIFICATION

The above statements and report were subscribed and sworn to before me
this NINTH day of JULY, 1985.

Laura Schultz
Notary Public

BIRMINGHAM BOLT:

Soil Samples after clean
from Cells closure
Lab No: 7-069

ID:

CELL E - 6-29-85, BBC-K3

HISTORY:

Date Sample was picked up Received by Federal Express By: - - -
Date Received in Lab 7-05-85 By: V.G.
Date Sample Leached 7-05-85 By: A.M./P.A.
Date Sample Analyzed 7-09-85 By: A.M.
Date Sample Reported 7-09-85 By: L.S.

RESULTS:

<u>Parameter</u>	<u>EPA Hazardous Waste Number</u>	<u>Maximum Allowable Concentration (mg/l)</u>	<u>Analysis (mg/l)</u>
Cadmium	D006	0.1	<u>*0.1</u>
Chromium	D007	0.5	<u>*0.1</u>
Lead	D008	0.5	<u>*0.1</u>

*Denotes "LESS THAN" (Below detectable limit of procedure used).

Respectfully submitted,

SCIENTIFIC CONTROL LABORATORIES, INC.

FA:lls
2c

By

Frank Altmayer

CERTIFICATION

The above statements and report were subscribed and sworn to before me
this NINTH day of JULY, 1985.

Laura Schults
Notary Public

Background Soil Samples

BIRMINGHAM BOLT:

Lab No: 6-169

ID:

COMPOSITE SAMPLING TAKEN FROM PROPERTY ADJOINING
PLANT WITHIN 1/2 MILE N. & N.E. OF FURNACE WASTE
PILE. BKG #1, BKG #2, & BKG #3.

HISTORY:

Date Sample was picked up	<u>5-16-85</u>	By:	<u>R.R.</u>
Date received in Lab	<u>5-16-85</u>	By:	<u>L.M.</u>
Date Sample Leached	<u>5-20-85</u>	By:	<u>P.A.</u>
Date Sample Analyzed	<u>5-21-85</u>	By:	<u>R.R.</u>
Date Sample Reported	<u>5-21-85</u>	By:	<u>L.S.</u>

RESULTS:

<u>Parameter</u>	<u>EPA Hazardous Waste Number</u>	<u>Maximum Allowable Concentration (mg/l)</u>	<u>Analysis (mg/l)</u>
Cadmium	D006	0.1	<u>*0.1</u>
Chromium	D007	0.5	<u>*0.1</u>
Lead	D008	0.5	<u>*0.1</u>

*Denotes "LESS THAN"/Below detectable limit of procedure used.

Respectfully submitted,

SCIENTIFIC CONTROL LABORATORIES, INC.

SPG:lls

2c

By

S. P. Gary

CERTIFICATION

The above statements and report were subscribed and sworn to before
me this TWENTY-FIRST day of MAY, 1985.

Laura Schultz
Notary Public

Birmingham Bolt Company

Soil Sample from cell
during closure prior to
further clean-up
of cells.

Lab. No.: 6-074

May 18, 1985

BIRMINGHAM BOLT:

Lab No: 6-074

ID: Cell D - Composite of 141 samples received 5-10-85
(See attached for individual identifications)

HISTORY:

Date Sample was picked up	<u>5-10-85</u>	By:	<u>RR</u>
Date received in Lab	<u>5-10-85</u>	By:	<u>LM</u>
Date Sample Leached	<u>5-13-85</u>	By:	<u>RR</u>
Date Sample Analyzed	<u>5-15-85</u>	By:	<u>RR/FA</u>
Date Sample Reported	<u>5-18-85</u>	By:	<u>VG</u>

RESULTS:

<u>Parameter</u>	<u>EPA Hazardous Waste Number</u>	<u>Maximum Allowable Concentration (mg/l)</u>	<u>Analysis (mg/l)</u>
Cadmium	D006	0.1	<u>2.6</u>
Chromium	D007	0.5	<u>*0.1</u>
Lead	D008	0.5	<u>29.0</u>

*Denotes "less than" (below detectable limit of procedure used).

Respectfully submitted,

SCIENTIFIC CONTROL LABORATORIES, INC.

CR:vg
2 c

By Colette Rohan
Colette Rohan

CERTIFICATION

Furnace Dust Waste Pile - Cell D Samples

South

North →

Edge of berm
(Cell e)

Intermediate level

Edge of berm

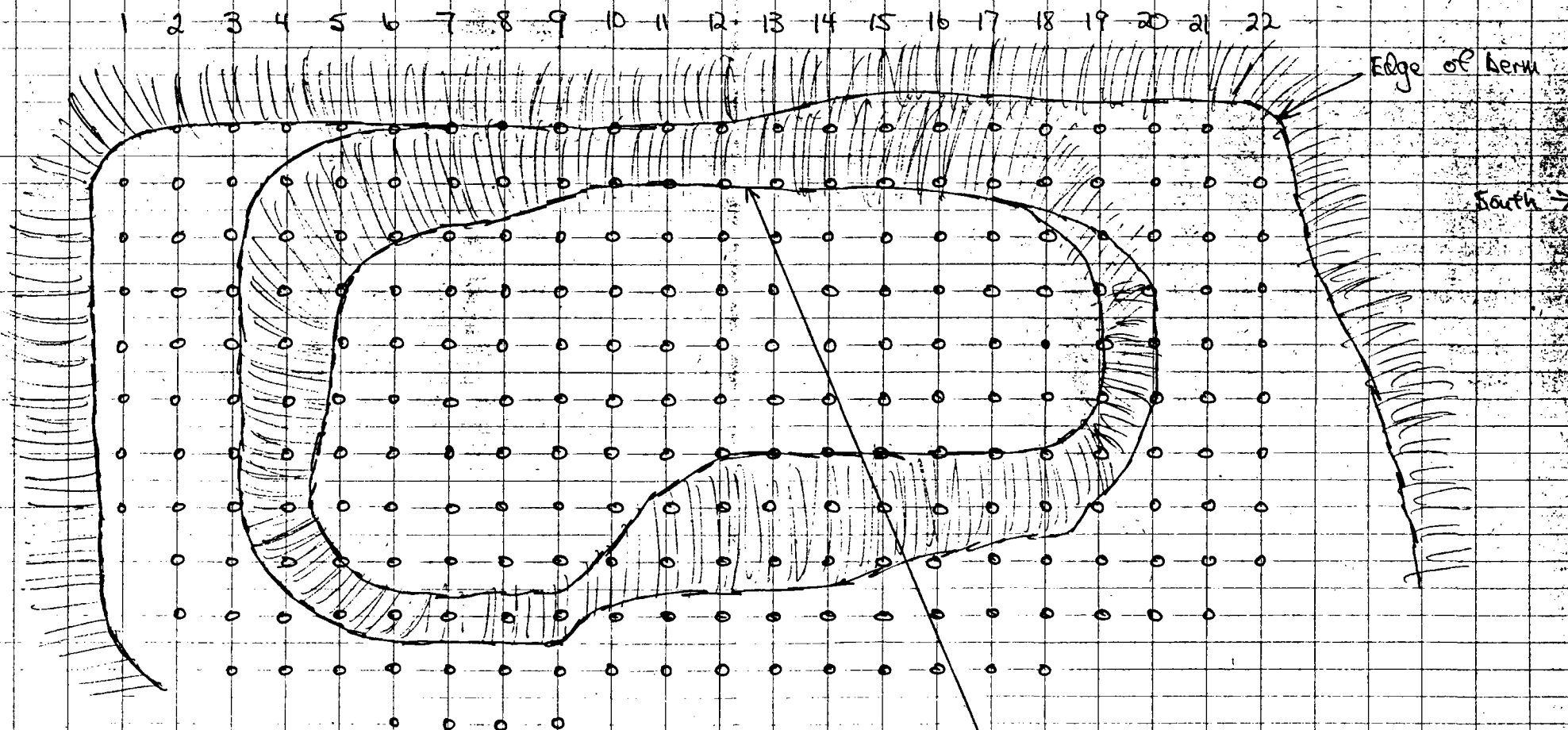
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

x-axis numbers listed first on sample numbers

5/10/85 (EIM)

lower

Furnace Dust Waste Pile - Cell E Samples



x-axis numbers listed first on sample numbers.

limits of furnace dust excavation.

5/13/85
EW